



Patent
Attorney's Docket No. 033072-022

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	Deliver to:
Larry S. BARAK et al.	)	Customer Service Window
Application No.: 10/054,616	)	Room 1B03
Filed: January 22, 2002	)	Crystal Plaza Building 2
For: Constitutively Desensitized G Protein-	)	Arlington, VA 22202
Coupled Receptors)	
	)	Group Art Unit: 1645
	)	Examiner: Unassigned
	)	Confirmation No.: 7096

RESPONSE TO REQUEST FOR SUBSTITUTE PAPERS

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to Request for Substitute Papers mailed August 5, 2002, enclosed are copies of all documents filed by Certificate of Mail on June 17, 2002 for the above-identified application. Due to the volume of documents, applicants are having them hand-delivered to the above address. Also included are copies of the stamped postcards for each set of documents, showing the original filing date and contents.

These papers are a true and accurate copy of all documents submitted on June 17, 2002.

If any issues remain, the Examiner is encouraged to telephone the undersigned at the below-listed number.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: Allen R. Baum
Allen R. Baum
Registration No. 36,086

P.O. Box 1404
Alexandria, Virginia 22313-1404
(919) 941-9240

Date: August 15, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D C 20231
www.uspto.gov

Application Number	Filing Date	First Named Applicant	Atty. Docket No.
10/054,616	01/22/2002	Barak, Larry	033072-022

Allen R. Baum
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria VA 22313-1404

URGENT

Title: Constitutively desensitized G protein-coupled receptors

Date Mailed:08/05/2002

Request for Substitute Papers

The papers filed on 06/24/02 (certificate of mailing dated 06/17/02) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated 703-746-9195

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

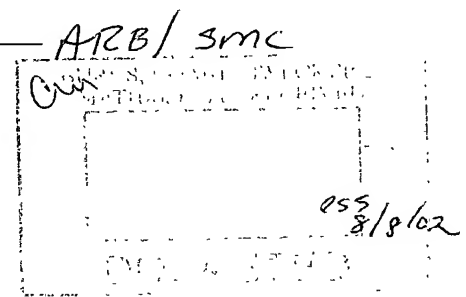
The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers. *Norak Biosciences I*

Name: ALLEN R. BAUM Registration No.: 36,086

Signature: Allen R. Baum Date: 8/15/02



Response due 8/19/02

Inventor: LARRY S. BARAK et al. Appl. No. 10054616 Filing Date: January 22, 2002
 Docket No.: 033072-022 (Notak Bioscience) Work Atty: MMH Date: June 17, 2002 Dkt. Clerk Initials:

The following was filed in the U.S. Patent and Trademark Office on the date stamped hereon:

- REPLY TO OFFICE ACTION**
JUN 24 2002
USPTO
- ☒ Reply
 - ☐ Preliminary Amendment
 - ☐ Reply Transmittal Letter
 - ☐ Petition for _____ Month Extension of Time
 - ☐ Submission of Substitute Drawings w/ 22 sheets of drawings (Fig(s). 1-12)
 - ☐ Request for Approval of Drawing Changes w/ _____ sheet(s) of red ink drawings
 - ☐ Notice of Appeal
 - ☐ Brief for Appellant
 - ☐ Request for Continuing
 - ☐ Request for _____
 - ☐ Transmittal Letter for Missing Parts of Application
 - ☐ Declaration Pursuant to 37 CFR §§1.821-1.825
 - ☐ Assignment/Assignment Recordation Form Cover Sheet (PTO-1585)
 - ☐ Claim for Convention Priority w/ _____ certified copy(s)
 - ☐ Information Disclosure Statement w/ _____ document(s)
 - ☐ Information Disclosure Citation (PTO-1449)
 - ☐ Information Disclosure Statement
 - ☐ Request for Corrected Notice of Recordation Assignment w/coopy _____
 - ☐ Check for \$ _____ is enclosed
 - ☐ Check for \$ _____ is enclosed
 - ☐ Charge \$ _____ to Deposit Account
 - ☐ Issue Fee Transmittal
 - ☐ Payment of Issue Fee and Authorization to charge Deposit Account
 - ☐ Request for Refund
 - ☐ Status Inquiry
 - ☐ Request for Corrected Filing Receipt w/coopy of official Filing Receipt
 - ☒ Sequence Listing
 - ☒ FILED & CERTIFICATE OF FIRST CLASS MAIL

Patent
Attorney's Docket No. 033072-022

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	ATTENTION: BOX SEQUENCE
)	
Larry S. BARAK et al	)	Group Art Unit: 1645
)	
Serial No.: 10/054,616	)	Examiner: Unassigned
)	
Filed: January 22, 2002)	
	)	Confirmation No.: 7096
For: Constitutively Desensitized G)	
Protein-Coupled Receptors)	

TRANSMITTAL LETTER FOR MISSING PARTS OF APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Notice to File Missing Parts of Nonprovisional
Application dated April 16, 2002, enclosed please find:

- ☒ [X] A copy of the "Sequence Listing" in computer readable form in compliance
with 37 C.F.R. §§1.823(b) and 1.824.
- ☒ [X] A statement that the content of the paper and computer readable copies are the
same as set forth in 37 C.F.R. §1.821(f).

The Commissioner is hereby authorized to charge any additional fees under 37
C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment to
Deposit Account No. 02-4800. A duplicate copy of this paper is enclosed.

Respectfully submitted,

P.O. Box 1404
Alexandria, VA 22313-1404
(703) 836-6620

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 17, 2002

By Melissa M. Hayworth
Melissa M. Hayworth
Registration No. 45,774

I hereby certify that this correspondence is being deposited
with the United States Postal Service as first class mail in
an envelope addressed to Commissioner of Patents and
Trademarks, Washington, D.C. 20231, on 6-17-02

Sandra Paye Date
(Typed or printed name of person signing the certificate)
Sandra Paye
(Signature of person signing the certificate)
6-17-02
(Date of Signature)

Patent
Attorney's Docket No. 033072-022

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	ATTENTION: BOX SEQUENCE
Larry S. BARAK et al	)	Group Art Unit: 1645
Serial No.: 10/054,616	)	Examiner: Unassigned
Filed: January 22, 2002)	
For: Constitutively Desensitized G Protein-Coupled Receptors	)	Confirmation No.: 7096
)	

REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated April 16, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION:

In compliance with 37 C.F.R. §1.823(a), please insert the attached paper copy of the "Sequence Listing" after the last page of the above-identified application.

REMARKS

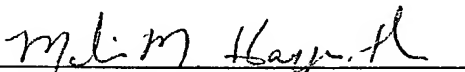
The paper copy of the Sequence Listing for the subject application, is by this amendment, added after the last page of the application.

Favorable consideration on the merits is respectfully requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By



Melissa M. Hayworth
Registration No. 45,774

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: June 17, 2002

I hereby certify that this correspondence is being deposited
with the United States Postal Service as first class mail in
an envelope addressed to Commissioner of Patents and
Trademarks, Washington, D.C. 20231, on 6-17-02
Date

Sandra Paye
(Typed or printed name of person signing the certificate)
Sandra Paye
(Signature of person signing the certificate)
6-17-02
(Date of Signature)



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/054,616	01/22/2002	Larry S. Barak	033072-022

CONFIRMATION NO. 7096

FORMALITIES LETTER



OC000000007874857

Allen R. Baum
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, VA 22313-1404

Date Mailed: 04/16/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:


- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable

form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Larry S. BARAK et al.	)	Group Art Unit: 1645
)	
Application No.: 10/054,616	)	Examiner: Unassigned
)	
Filed: January 22, 2002	)	Confirmation No.: 7096
)	
For: Constitutively Desensitized G Protein- Coupled Receptors)	

TRANSMITTAL LETTER FOR MISSING PARTS OF APPLICATION

BOX: MISSING PART

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Notice to File Missing Parts of Application Filed Under 37 C.F.R.
§ 1.53(b) dated April 16, 2002, enclosed please find:

- ☒ a Combined Declaration and Power of Attorney signed by the inventor(s) and the
surcharge of ☒ \$65.00 (205) ☐ \$130.00 (105) as set forth in 37 C.F.R. § 1.16(e);
- ☒ drawings for publication;
- ☐ other _____;
- ☒ charge \$ 65.00 to Deposit Account No. 02-4800 for the fee due for missing parts.
- ☒ Small entity status is hereby claimed.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R.
 §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit
Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(919) 941-9240

By: _____

Melissa M. Hayworth
Registration No. 45,774

Date: June 17, 2002

I hereby certify that this correspondence is being deposited
with the United States Postal Service as first class mail in
an envelope addressed to Commissioner of Patents and
Trademarks, Washington, D.C. 20231, on 6-17-02
Date

S. Page
(Typed or printed name of person signing the certificate)

S. Page
(Signature of person signing the certificate)

6-17-02
(Date of Signature)

Inventor: LARRY S. BARAK et al. Appl. No. 10/054,616 Filing Date: January 22, 2002
 Docket No.: 033072-022 (Norak Bioscience) Work Atty: MMH Date: June 17, 2002 Dkt. Clerk Initials:

The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

- | | | |
|--|---|---|
| <input type="checkbox"/> Amendment or Response | <input type="checkbox"/> Transmittal Letter for Missing Parts of Application | <input type="checkbox"/> Check for \$ _____ is enclosed |
| <input type="checkbox"/> Preliminary Amendment | <input checked="" type="checkbox"/> Executed Declaration/Power of Attorney | <input type="checkbox"/> Check for \$ _____ is enclosed |
| <input type="checkbox"/> Reply Transmittal Letter | <input type="checkbox"/> Assignment/Assignment Recordation Form Cover Sheet (PTO-1595) | <input checked="" type="checkbox"/> Charge \$ 65.00 to Deposit Account |
| <input type="checkbox"/> Petition for _____ Month Extension of Time | <input type="checkbox"/> Claim for Convention Priority w/ _____ certified copy(s) | <input type="checkbox"/> Issue Fee Transmittal |
| <input checked="" type="checkbox"/> Submission of Substitute Drawings w/ 22 sheet(s) of drawings (Fig(s). 1-17) | <input type="checkbox"/> Information Disclosure Statement w/ _____ document(s) | <input type="checkbox"/> Payment of Issue Fee and Authorization to charge Deposit Account |
| <input type="checkbox"/> Request for Approval of Drawing Changes w/ _____ sheet(s) of red ink drawings | <input type="checkbox"/> Information Disclosure Citation (PTO-1449) | <input type="checkbox"/> Request for Refund |
| <input type="checkbox"/> Notice of Appeal | <input type="checkbox"/> Information Disclosure Statement Transmittal Letter | <input type="checkbox"/> Status Inquiry |
| <input type="checkbox"/> Brief for Appellant | <input type="checkbox"/> Request for Corrected Notice of Recordation of Assignment w/copy of Notice | <input type="checkbox"/> Request for Corrected Filing Receipt w/copy of official Filing Receipt |
| <input type="checkbox"/> Request for Oral Hearing | <input type="checkbox"/> Request for Continued Examination | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Reply Brief | | |
| <input type="checkbox"/> Response to Restriction Requirement or Election of Species | | |
| <input type="checkbox"/> Terminal Disclaimer | | |
| <input type="checkbox"/> Certificate Under 37 C.F.R. § 3.73(b) | | |

☒ FILED BY CERTIFICATE OF FIRST CLASS MAIL

RESPONSE PC 4380

